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### (54) Film for packaging chemical agents

(57) The present invention provides a film for packaging chemical agents, which contains an oxyalkylene unit-containing polyvinyl alcohol resin (A) and a carboxyl-containing polyvinyl alcohol resin (B), and preferably further containing a sulfo-containing polyvinyl alcohol resin (C). This film shows fine solubility in water even after a long-term packaging of an acidic chemical agent

or alkaline chemical agent, and is superior in mechanical strength. Thus, the film for packaging chemical agents of the present invention is suitably used for packaging a chemical agent, such as powdered soap, synthetic detergent, agricultural chemical, antibacterial, deodorant, insecticide and the like, which is cast into water when in use.

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## EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 05, 30 June 1995 (1995-06-30) & JP 07 041633 A (NIPPON SYNTHETIC CHEM IND CO LTD:THE), 10 February 1995 (1995-02-10) * abstract *	1-8	C08J5/18 //C08L29:04
D,Y	PATENT ABSTRACTS OF JAPAN vol. 012, no. 444 (C-545), 22 November 1988 (1988-11-22) & JP 63 168437 A (NIPPON SYNTHETIC CHEM IND CO LTD:THE), 12 July 1988 (1988-07-12) * abstract *	1-8	
A	DATABASE WPI Section Ch, Derwent Publications Ltd., London, GB; Class A16, AN 1971-67713S XP002177507 & JP 46 035972 B (NIPPON SYNTHETIC CHEM IND CO) * abstract *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			C08J C08L
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>11 October 2001</b>	Examiner <b>Niaounakis, M</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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